

10/591924  
APPROVED 08 SEP 2006

PATENT  
3505-1027

**IN THE U.S. PATENT AND TRADEMARK OFFICE**

In re application of

Esko KAUPPINEN et al.

Conf.

Application No. **NEW NATIONAL PHASE**

Group

Filed September 8, 2006

Examiner

SINGLE, MULTI-WALLED, FUNCTIONALIZED AND DOPED CARBON NANOTUBES AND COMPOSITES THEREOF

**INFORMATION DISCLOSURE STATEMENT**  
**(SUBMISSION CONCURRENT WITH THE**  
**FILING OF A NEW PATENT APPLICATION)**

Assistant Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

September 8, 2006

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, and in fulfillment of the duty of disclosure under 37 C.F.R. § 1.56, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

**I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION**

The patents, publications, or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

**II. COPIES**

- ☒ Copies of the U.S. patents or publications are not submitted since the USPTO has waived their submission for applications filed after June 30, 2003.
- ☐ Submitted herewith is a legible copy of (i) each foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.
- ☒ This application is a National Phase of a PCT application. Some or all of the documents listed on the PTO-1449 are not enclosed because they were cited in the International Search Report and copies should have been forwarded from the International Search Authority pursuant to the trilateral agreement between the USPTO, EPO and JPO, or they are U.S. patents or U.S. published applications. If copies are needed, please contact the undersigned.

10/591954

Docket No. 3505-1027

III. CONCISE EXPLANATION OF THE RELEVANCE  
(check at least one box)

a. ☒ **DOCUMENTS IN THE ENGLISH LANGUAGE**

The non U.S. patents, non U.S. patent application publications, foreign publications, or other information in the English language do not require a statement of relevancy.

b. ☐ **DOCUMENTS NOT IN THE ENGLISH LANGUAGE**

A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:

c. ☒ **FOREIGN SEARCH REPORT OR ACTION**

An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(A)(3).

d. ☐ **OTHER**

The following additional information is provided for the Examiner's consideration.

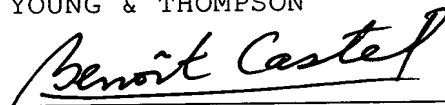
FEEES

This Information Disclosure Statement is being filed concurrently with the filing of a new patent application; therefore, no fee is required.

If The Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned.

Respectfully submitted,

YOUNG & THOMPSON



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Enclosures: ☒ Form PTO-1449(s)  
☐ Documents  
☒ Foreign Search Report  
☐ Other: \_\_\_\_\_

(Use several sheets if necessary)

**3505-1027**

## NEW NATIONAL PHASE

Esko KAUPPINEN et al.

**September 8, 2006**

**Group Art Unit:**

[illegible][illegible]

	NASIBULIN A G ET AL: "A novel aerosol method for single walled carbon nanotube synthesis" CHEMICAL PHYSICS LETTERS, NORTH-HOLLAND, AMSTERDAM, NL, vol. 402, no. 1-3, 24 January 2005 (2005-01-24), pages 227-232, XP004702435 ISSN: 0009-2614 the whole document
	MOISALA A ET AL: "THE ROLE OF METAL NANOPARTICLES IN THE CATALYTIC PRODUCTION OF SINGLE-WALLED CARBON NANOTUBES-A REVIEW" JOURNAL OF PHYSICS: CONDENSED MATTER, BRISTOL, GB, vol. 15, no. 42, 2003, pages S3011-S3035, XP001193822 "Aerosol synthesis of single-walled carbon nanotubes"
	NASIBULIN A G ET AL: "Carbon nanotubes and onions from carbon monoxide using Ni(acac) <sub>2</sub> and Cu(acac) <sub>2</sub> as catalyst precursors" CARBON, vol. 41, no. 14, 2003, pages 2711-2724, XP004464998 ISSN: 0008-6223 the whole document

DATE CONSIDERED

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

\* English language abstract provided for the Examiner's convenience